STRADA-SQ-T-DWC

Universal road lighting beam with excellent mixed illuminance and luminance uniformity. Typically IESNA Type III Medium. Version with location pins. Assembly with installation tape.

TECHNICAL SPECIFICATIONS:

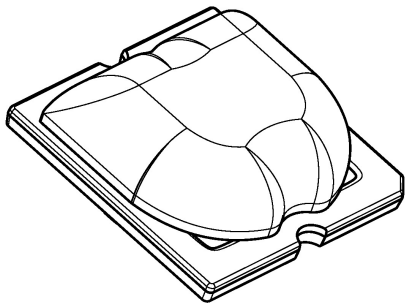
Dimensions	25.0 x 25.0 mm
Height	8.2 mm
Fastening	tape, pin, screw
ROHS compliant	yes

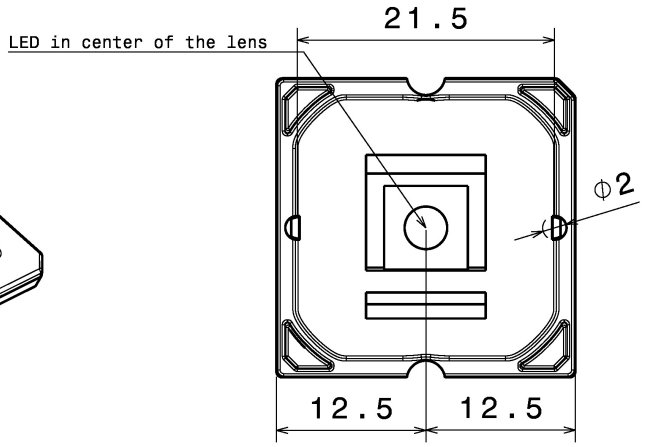
MATERIAL SPECIFICATIONS:

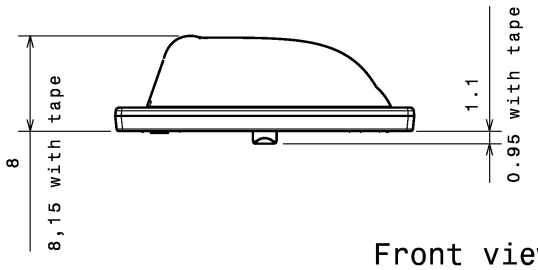
Component	Type	Material	Colour	Finish
STRADA-SQ-T-DWC	Single lens	PMMA	clear	
ROSE-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

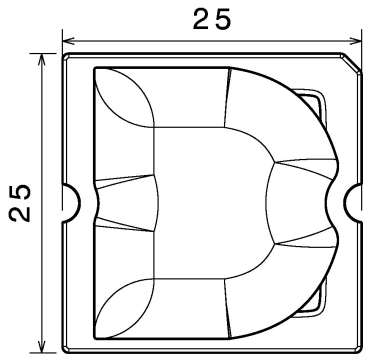
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12889_STRADA-SQ-T-DWC » Box size: 480 x 280 x 300 mm	Single lens	2058	294	98	7.6







Front view



Top view

Materials:
Lens: PMMA

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

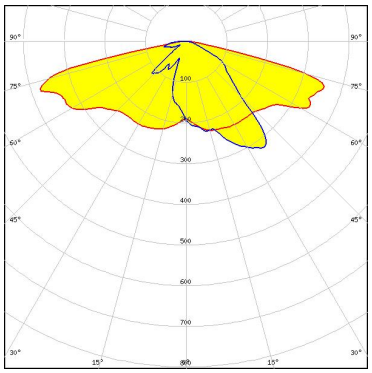
DRAWN BY: ol	DATE: 4.5.2012	DRAWING TITLE: Datasheet STRADA-SQ-DWC			
CHECKED BY: PV	DATE: 4.5.2012	SIZE: A4	DRAWING NUMBER: C12726		REV: 01
DESIGNED BY: OL	DATE: 24.4.2012	SCALE: 2:1	WEIGHT(kg): 0,00		SHEET: 1/1

See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

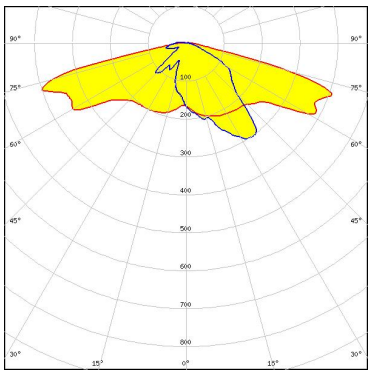
CREE LED

LED	MK-R
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



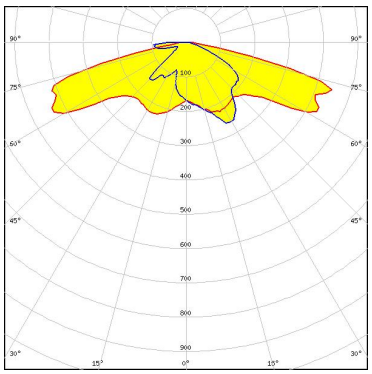
CREE LED

LED	XHP50
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



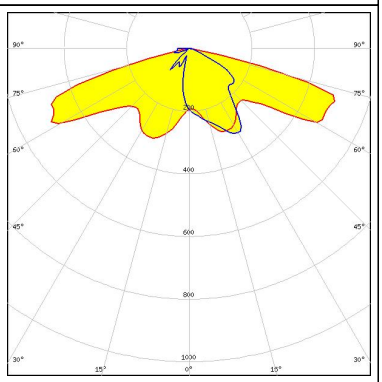
CREE LED

LED	XM-L
FWHM / FWTM	Asymmetric
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

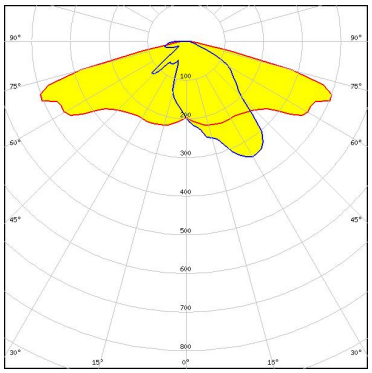
LED	XM-L2
FWHM / FWTM	Asymmetric
Efficiency	92 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (MEASURED):

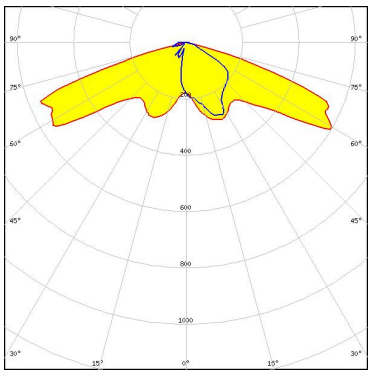
LUMILEDS

LED	LUXEON M/MX
FWHM / FWTM	Asymmetric
Efficiency	94 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



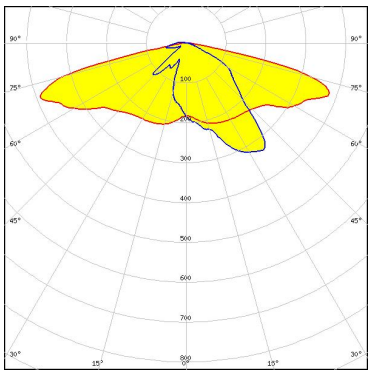
LUMILEDS

LED	LUXEON MZ
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



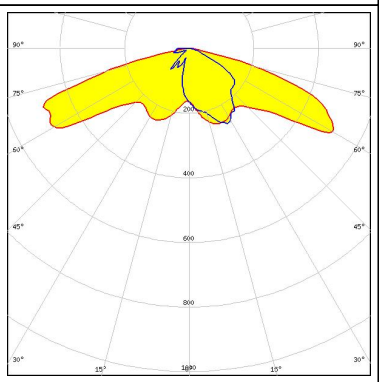
LUMILEDS

LED	LUXEON XR-M linear 1x3, 1x4, 1x5
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

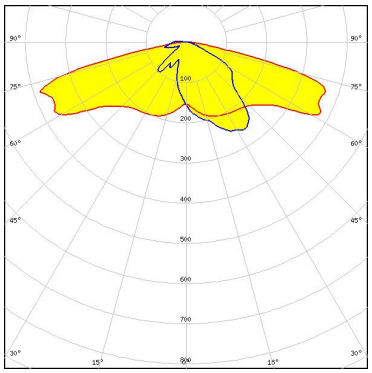
LED	NS9x383
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (MEASURED):

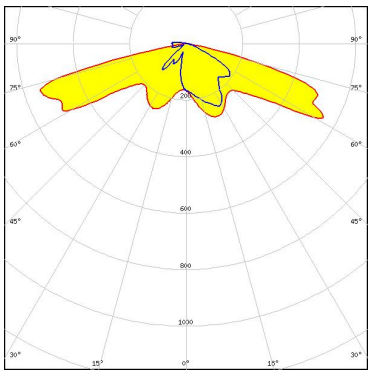
NICHIA

LED	NV4x144A
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



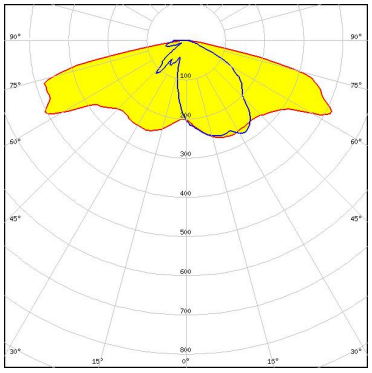
NICHIA

LED	NVSW319B
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



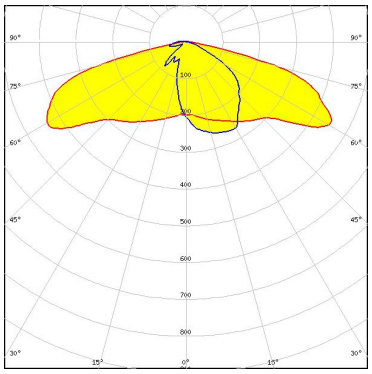
OPTOGAN

LED	OLP-5065F6L-06A
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

LED	Duris S10
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

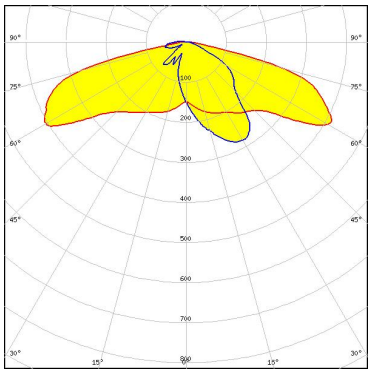


PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

LED	Z8Y50P
FWHM / FWTM	Asymmetric
Efficiency	88 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

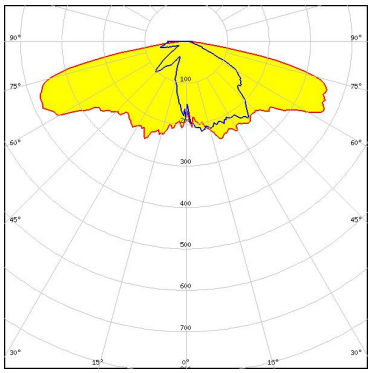
Required components:



PHOTOMETRIC DATA (SIMULATED):

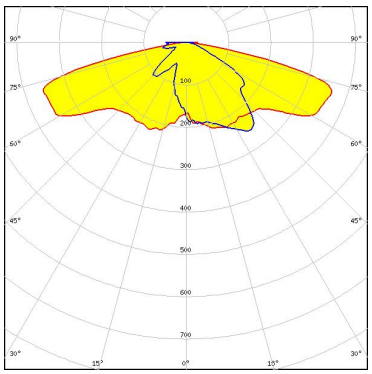
CREE LED

LED	MHB-A/B
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



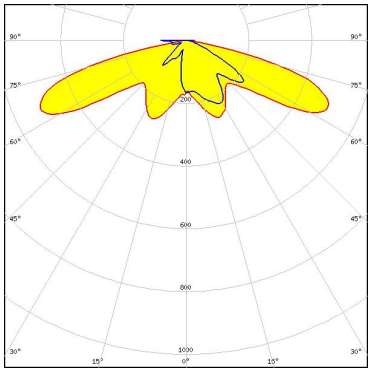
CREE LED

LED	XHP50.2
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

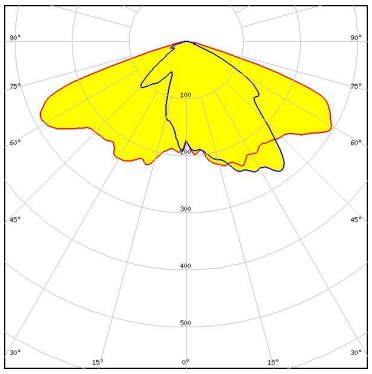
LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON M/MX
FWHM / FWTM	Asymmetric
Efficiency	74 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

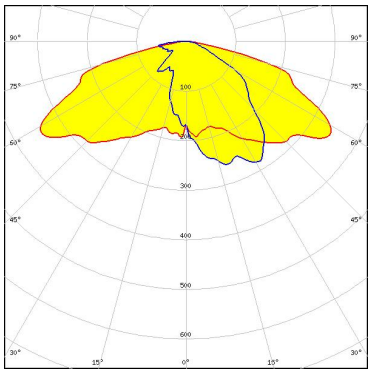
Protective plate, glass



PHOTOMETRIC DATA (SIMULATED):

NICHIA

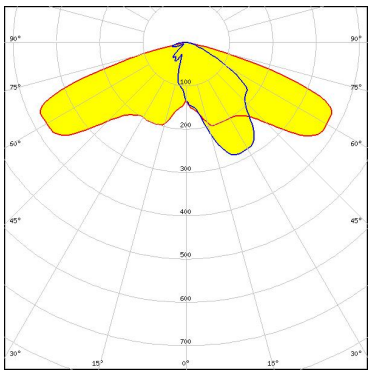
LED	NVSxE21A
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.4 cd/lm
LEDs/each optic	9
Light colour	White
Required components:	



NICHIA

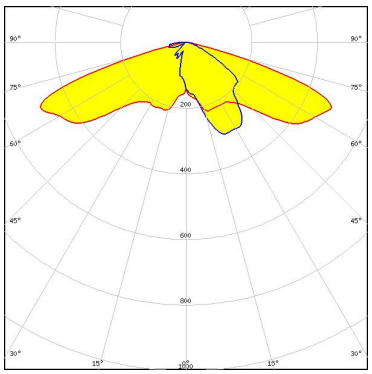
LED	NVSxE21A
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	0.5 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	

Protective plate, glass



NICHIA

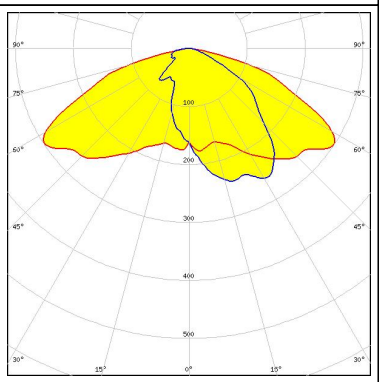
LED	NVSxE21A
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour	White
Required components:	



NICHIA

LED	NVSxE21A
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	0.4 cd/lm
LEDs/each optic	9
Light colour	White
Required components:	

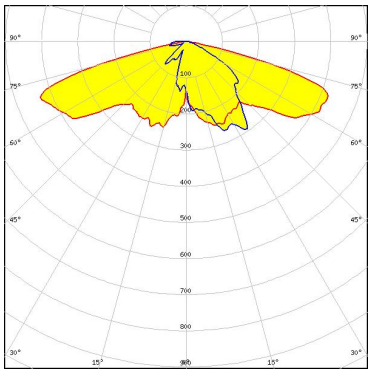
Protective plate, glass



PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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